



Nova Scotia

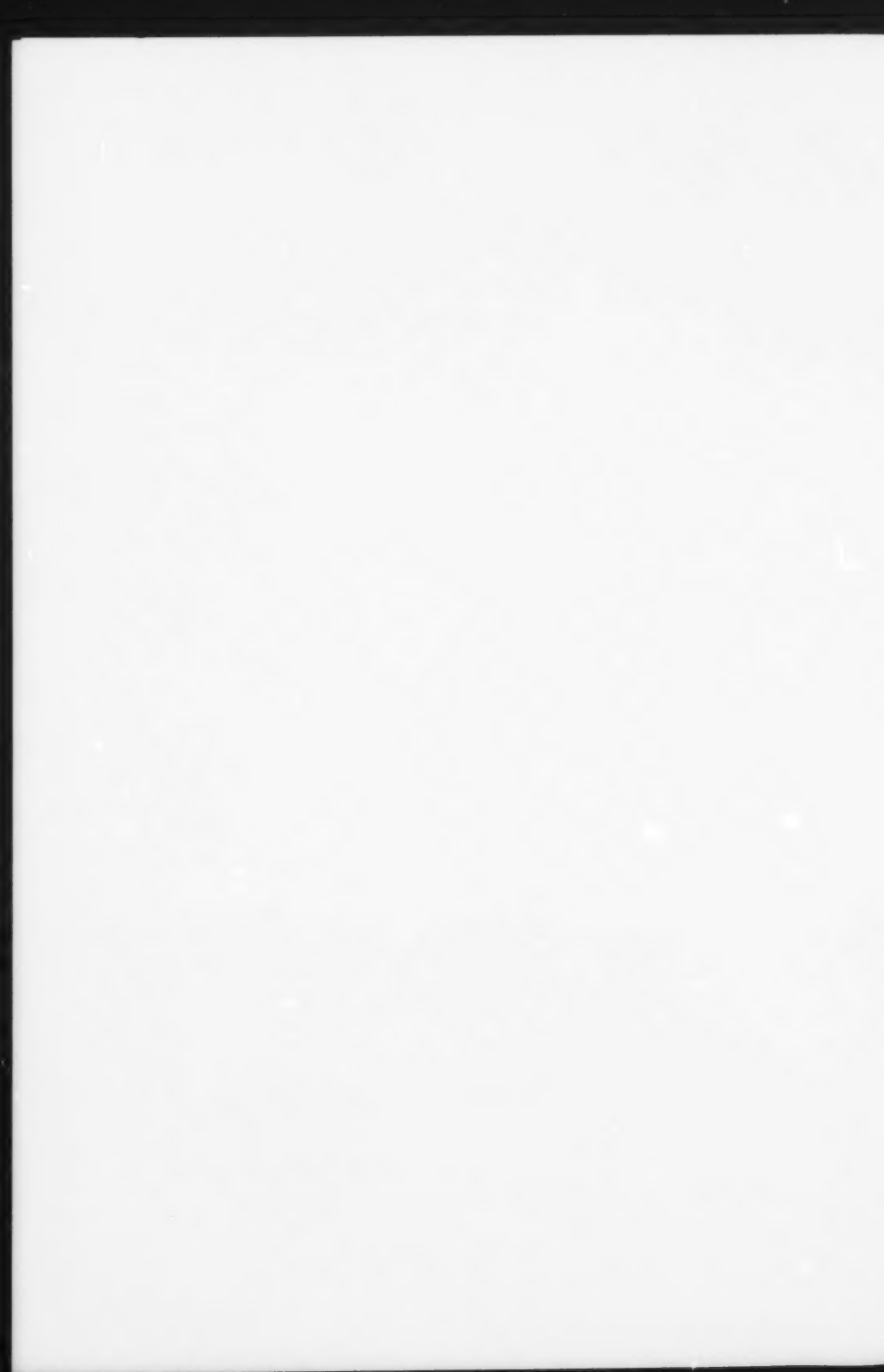
ANNUAL REPORT

*for the fiscal year
ending March 31, 1991*

Department of
Labour

Fire Marshal

ISSN 0085-4395



To His Honour
The Honourable Lloyd R. Crouse, P.C.
Lieutenant-Governor of Nova Scotia
Halifax, Nova Scotia

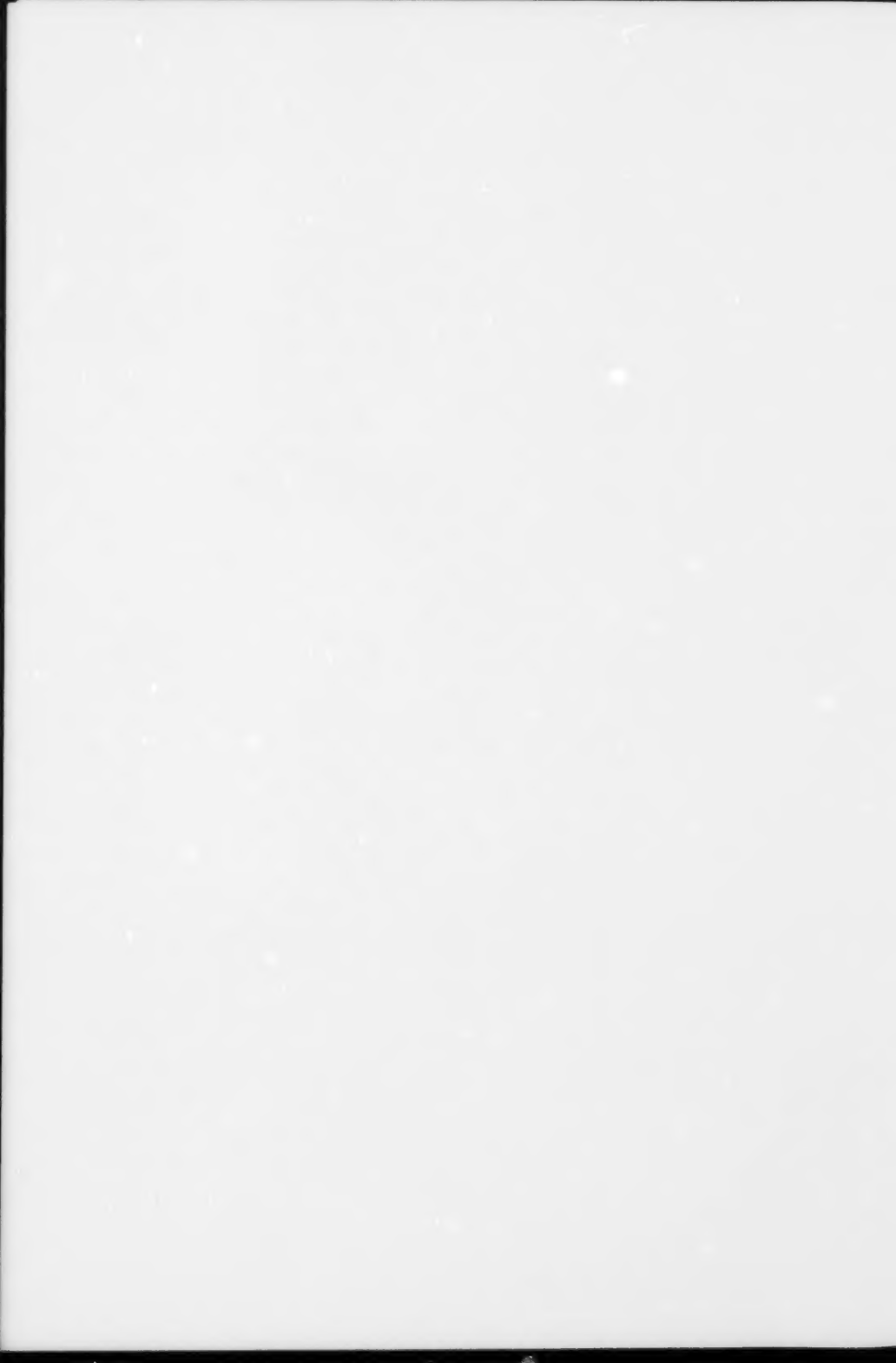
May It Please Your Honour:

The undersigned has the honour to present the Annual Report of the Fire
Marshal, Department of Labour, for the fiscal year ending March 31, 1991.

Respectfully submitted,

A handwritten signature in cursive script, reading "Leroy Legere". The signature is written in dark ink and is positioned centrally on the page.

Leroy Legere
Minister of Labour



The Honourable Leroy Legere
Minister of Labour
Province of Nova Scotia
Halifax, Nova Scotia

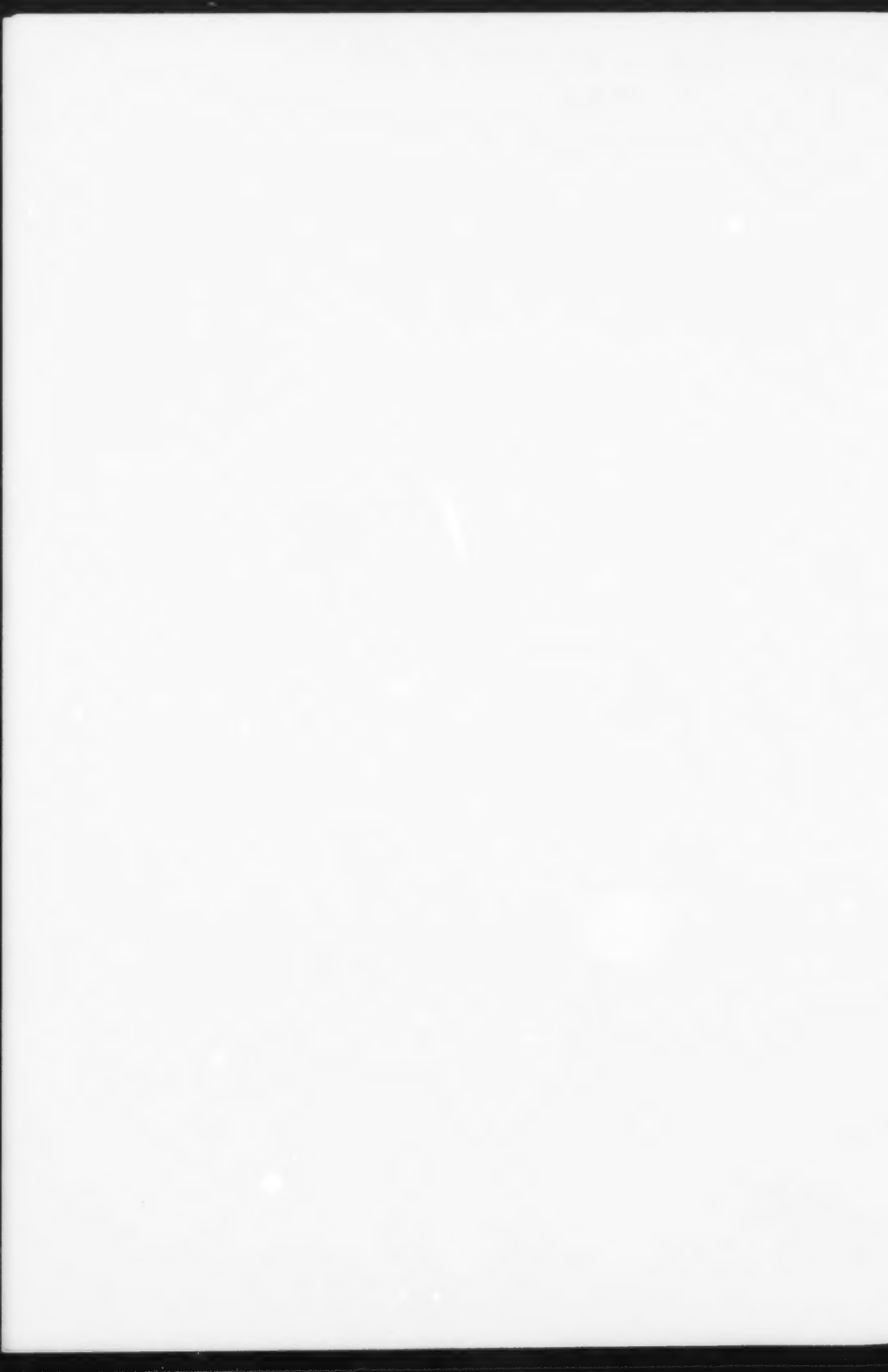
Dear Sir:

I have the honour to present the 1990-91 Annual Report of the Fire Marshal as directed by the Fire Prevention Act.

Respectfully submitted,

A handwritten signature in cursive script, reading "Thomas S. Makin". The signature is written in dark ink and is positioned above the printed name.

Thomas S. Makin, C.D.
Fire Marshal



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Loss of Life and Injuries

Fire claimed the lives of 25 persons during the 12-month period ending March 31, 1991—15 men, 5 women, and 5 children.

The following were reported as the main known causes of fire involving the loss of life:

- Miscellaneous or unclassified fires accounted for 12 deaths or 48 per cent;
- Smoking materials accounted for 6 deaths or 24 per cent;
- Cooking equipment accounted for 3 deaths or 12 per cent.

Twenty-one of the fire deaths occurred in residential occupancies—13 in one- and two-family dwellings, 3 in apartments, 1 in a rooming house, and 4 in miscellaneous residential occupancy.

Fire also injured 111 persons, 52 civilians and 59 fire fighters.

Property Loss

The recorded fire loss in the Province of Nova Scotia for the fiscal year was placed at \$31,651,383 as a result of 2,534 reported fires. This compares with a fire loss of \$24,039,652 in 2,571 fires in the previous fiscal year, an increase of 32 per cent in dollar loss and a slight decrease in the number of fires reported.

During the fiscal year, seven fires accounted for \$5,327,116 or better than 17 per cent of the total monetary loss.

Main Causes of Fires

The following are the reported main known causes of fires:

- Heating equipment—697 fires with a monetary loss of \$4,655,090
- Electrical equipment—324 fires with a monetary loss of \$7,126,869

- Cooking equipment—271 fires with a monetary loss of \$2,315,690
- Arson—260 fires with a monetary loss of \$4,137,056
- Smoking materials and open flame—222 fires with a monetary loss of \$3,313,609

There were 819 undetermined fires with a monetary loss of \$12,258,374; these accounted for 39 per cent of the total monetary loss and 32 per cent of the reported fires.

Fire Investigations

Investigations were conducted into all reported fires by the fire chiefs, municipal police, Royal Canadian Mounted Police, Insurance Crime Prevention Bureau, or the Fire Marshal's staff.

A total of 260 fires with a monetary loss of \$4,137,056 were attributed to arson or suspected incendiary fires. These compare with 230 fires and a monetary loss of \$1,939,661 in the previous year, a 113 per cent increase in monetary loss.

The 7 arson charges laid involved a monetary loss of \$200,724.

Fire Prevention Activities

The following statistics highlight the principal activities carried out by the Office of the Fire Marshal for the fiscal year ending March 31, 1991.

INSPECTIONS

Assembly	623
Business	105
Electrical	115
Industrial	45
Institutional	254
Lightning Rod	37
L.P. Gas	671
Mercantile	136
Residential	264
Special	41
Sprinkler Systems	183

PLAN EXAMINATIONS

Buildings	520
Electrical Installations	18
L.P. Gas Systems	456
Sprinkler Systems	50
Other	19

MEETINGS ATTENDED

Architectural	459
Banquets and Associations	27
Electrical	83
Fire Chiefs	152
L.P. Gas	263
Sprinkler	88
Government, Municipal, Civic	60
Other	163

FIRE AND LIFE SAFETY TRAINING SESSIONS CONDUCTED

Fire Service	71
Industry	5
Institutional	29
Other	22

SEMINARS ATTENDED

FIRE INVESTIGATIONS CONDUCTED 205

COURT APPEARANCES 6

DISPLAY BOOTH FOR FIRE SAFETY 2

TELEVISION APPEARANCES 5

The L.P. Gas Board of Examiners was very busy during the year in certifying persons working in the propane industry. A total of 373 applicants wrote 383 examinations; the Board of Examiners held 21 meetings.

Summary

The number of fires compared with fiscal 1990 decreased by 37 in this fiscal year. However, the total monetary loss increased by \$7,611,731 or 32 per cent.

The Province of Nova Scotia has \$35.17 loss per capita, which represents an increase of \$7.64 per capita compared to last year.

I am delighted to report a decrease in the loss of life to 10 below last year and lower than our 10-year average of 26. To continue this decrease in the loss of life, the residents of Nova Scotia must have working smoke alarms installed, must learn from the fire prevention programmes offered by our fire departments, and should devise and practice plans to escape from their homes.

My sincere appreciation is extended to the fire departments, industrial brigades, and other fire prevention services for the excellent co-operation received during the year. I would like to thank all municipal authorities, insurance companies, the Insurance Crime Prevention Bureau, the Insurance Advisory Organization, officers and members of the Royal Canadian Mounted Police and municipal forces, and the press and television stations for their excellent co-operation during the year.

I also express my appreciation to the officers and members of the Canadian Armed Forces for their assistance to the fire service.

I thank the people of Nova Scotia who assisted in fire prevention and protection in so many ways for their support of the fire service.

Respectfully submitted,

Thomas S. Makin, C.D.
Fire Marshal

TABLE I
TYPE OF PROPERTY WHERE LOSS OF LIFE AND/OR INJURIES
RESULTED FROM FIRE
(April 1, 1990–March 31, 1991)

PROPERTY CLASS	Deaths				Injuries			
	Men	Women	Child- ren	Fire fighters	Men	Women	Child- ren	Fire fighters
Total	Total				Total			
Theatre, studio, auditorium	-	-	-	-	-	-	-	1
Church, funeral parlour	-	-	-	-	-	-	-	1
Home for aged	-	-	-	-	-	1	-	-
One- and two-family dwellings	7	3	3	-	11	5	4	20
Apartment, tenement, flat	2	-	1	-	6	6	-	13
Rooming, boarding, lodging house	1	-	-	-	-	1	-	-
Hostel, hotel, inn, lodge	-	-	-	-	5	-	-	-
Mobile home, trailer	-	-	-	-	-	1	-	-
Miscellaneous residential	1	2	1	-	2	1	-	-
Office	-	-	-	-	-	-	-	4
Personal service	-	-	-	-	-	-	-	2
Miscellaneous business and personal service	-	-	-	-	-	-	-	4
Furniture, appliance, hardware sales	-	-	-	-	-	-	-	7
Vehicle storage	-	-	-	-	-	-	-	1
Outdoor property	-	-	-	-	-	-	2	-
Ground transport vehicle	2	-	-	-	2	1	1	5
Miscellaneous outbuildings	1	-	-	-	1	-	1	1
Utility	-	-	-	-	-	-	-	-
Miscellaneous	1	-	-	-	-	-	-	-
TOTAL	15	5	5	-	27	16	9	59
				25				111

TABLE II
IGNITING OBJECT—WHERE LOSS OF LIFE AND/OR INJURIES RESULTED FROM FIRE
(April 1, 1990-March 31, 1991)

IGNITING OBJECT	Deaths				Injuries					
	Men	Women	Child- ren	Fire fighters	Total	Men	Women	Child- ren	Fire fighters	Total
Cooking Equipment: Stove, range	-	-	3	-	3	5	3	-	1	9
Oven of stove	-	-	-	-	-	1	-	-	-	1
Fry pans, grills not on stove	-	-	-	-	-	-	-	1	-	1
Unclassified	-	-	-	-	-	-	1	-	2	3
Heating Equipment:										
Space heater—stationary	-	-	-	-	-	2	-	-	1	3
Space heater—portable	-	-	-	-	-	-	-	-	1	1
Chimney, masonry	-	-	-	-	-	-	-	-	2	2
Unclassified	-	-	-	-	-	1	-	-	4	5
Electrical Distribution Equipment:										
Electric wiring, cable (perm.)	1	-	-	-	1	-	-	1	1	2
Panelboard, switchboard	-	-	-	-	-	-	1	-	-	1
Unclassified	1	-	-	-	1	1	-	-	6	7
Other Electrical Equipment:										
Incandescent lamp, lightbulb	-	1	-	-	1	-	-	-	-	-
Unclassified	-	-	-	-	-	-	-	-	1	1
Smoker's Material & Open Flame:										
Smoker's material	3	2	1	-	6	3	3	3	2	11
Match, lighter (not used in conjunction with smoking)	-	-	-	-	-	-	1	2	-	3
Candle, taper	-	-	1	-	1	-	-	-	-	-
Hot ashes, embers	-	-	-	-	-	-	-	-	1	1
Miscellaneous:										
Printing equipment, photographic equipment	-	-	-	-	-	-	-	-	-	-
Chemical reaction, spontaneous combustion	-	-	-	-	-	6	-	-	-	6
Unclassified	10	2	-	-	12	8	7	2	36	53
TOTAL	15	5	5	-	25	27	16	9	59	111

TABLE III
ACT OR OMISSION WHERE LOSS OF LIFE AND/OR INJURIES RESULTED FROM FIRE
(April 1, 1990–March 31, 1991)

TABLE IV
GEOGRAPHIC DISTRIBUTION OF MONETARY LOSSES
DUE TO FIRE

(April 1, 1990–March 31, 1991)

Location	No. of Fires	Insured Loss	Uninsured Loss
Annapolis County			
Annapolis County (unclassified areas)	12	\$15,339	\$ 2,256
Annapolis Royal	5	28,209	300
Bridgetown	2	5,733	100
Lawrencetown and district	0	0	0
Margaretville	4	50	0
Middleton	15	45,750	238,250
Nictaux	3	1,896	0
Port Lorne and district	0	0	0
Springfield	0	0	0
SUBTOTAL	41	\$96,977	\$240,906
Antigonish County			
Antigonish County (unclassified areas)	9	\$ 36,690	\$ 975
Antigonish County	3	111,029	0
Antigonish	13	34,898	63,200
Auld's Cove	1	0	0
Four Valleys, Maryvale	0	0	0
Havre Boucher and district	0	0	0
Northshore	0	0	0
Pomquet	7	548,731	142,400
St. Andrew's and district	1	14,400	0
Tracadie and district	2	0	0
SUBTOTAL	36	\$745,748	\$206,575
Cape Breton County			
Cape Breton County (unclassified areas)	109	\$1,638,841	\$102,160
Albert Bridge Community	0	0	0
Big Pond	1	20,000	0
Birch Grove	0	0	0
Coxheath	1	3,753	0

TABLE IV—Continued

Location	No. of Fires	Insured Loss	Uninsured Loss
District 6, Christmas Island	0	0	0
District 14, Louisbourg	1	1,375	0
Dominion	4	300,263	250
Donkin	0	0	0
Florence	18	421,691	4,725
French Vale Road	7	30,712	0
Gabarus	1	1,782	200
George's River	2	0	0
Glace Bay	35	225,660	200
Grand Lake Road	14	112,896	0
Louisbourg	6	215,829	200
Marion Bridge	5	297,586	0
Mira Road	1	8,848	0
New Victoria	4	0	0
New Waterford	52	616,501	140,996
North Sydney	17	111,514	2,200
Northside East Bay	1	1,400	250
Port Morien	2	103,112	400
Reserve Mines	7	296,763	45,000
Scotchtown	13	414,711	21,350
South Bar and district	8	316,732	200
Sydney	96	838,295	46,350
Sydney Mines	7	52,537	2,550
Sydney River	2	3,000	0
Tower Road	0	0	0
Westmount	0	0	0
Howie Centre	10	0	0
Boisdale	1	0	0
East Bay	0	0	0
SUBTOTAL	425	\$6,033,801	\$367,031

Colchester County

Colchester County

(unclassified areas)

(unclassified areas)	19	\$18,948	\$2,949
Bass River	1	0	0
Bible Hill Fire Brigade	0	0	0
Brookfield	8	15,168	1,200

TABLE IV—Continued

Location	No. of Fires	Insured Loss	Uninsured Loss
Cobequid district	10	500,000	0
Debert Fire Brigade	1	47,614	0
Economy Fire Brigade	0	0	0
Five Islands district	3	11,912	358
Great Village and district	6	6,949	400
Hilden	1	0	0
North River and district	0	0	0
Onslow-Belmont	1	0	0
Salmon River	3	7,994	400
Stewiacke	5	3,650	4,160
Tatamagouche	5	188,375	0
Truro	35	239,521	0
Upper Stewiacke	2	108,935	9,000
Valley-Kemptown and district	0	0	0
SUBTOTAL	100	\$1,149,066	\$18,467
Cumberland County			
Cumberland County (unclassified areas)	36	\$102,022	\$ 2,700
Advocate and district	4	98,000	13,800
Amherst	15	158,966	16,492
Collingwood district	1	0	0
Fox River, Port Greville, Wards Brook	0	0	0
Joggins	1	2,256	0
Oxford	5	30,597	34,693
Parrsboro	2	5,499	200
Pugwash	2	0	0
River Hebert	3	93,665	400
Shinimicas	0	0	0
Southampton	1	111,025	26,000
Springhill	10	476,372	200
Tidnish Bridge	1	4,000	0
Truemanville	0	0	0
Wallace	21	108,296	0
Wentworth	7	22,327	200
Westchester	1	1,000,000	0
SUBTOTAL	110	\$2,213,025	\$94,685

TABLE IV—Continued

Location	No. of Fires	Insured Loss	Uninsured Loss
Digby County			
Digby County			
(unclassified areas)	44	\$ 49,001	\$ 4,233
Bear River	6	61,399	100
Brighton and Barton	2	77,868	0
Digby	10	162,618	300
Digby Neck	18	127,175	200
Freeport	1	17,500	0
Havelock	0	0	0
Hectanooga	2	6,006	0
Little Brook	17	36,298	1,552
Meteghan	15	38,793	0
Plympton-Gilbert's Cove	5	17,969	3,000
St. Bernard's	4	0	0
Salmon River	12	57,925	200
Smith's Cove	1	1,654	54,500
Southville and area	0	0	0
Tiverton	3	70,219	0
Westport	1	0	1,200
Weymouth	1	0	0
SUBTOTAL	142	\$724,425	\$65,285
Guysborough County			
Guysborough County			
(unclassified areas)	6	\$114,186	\$ 800
Canso	0	0	0
Chedabucto	2	2,000	0
District 6, Goshen	9	3,052	0
Down East Firefighters	2	6,000	0
Ecum Secum	1	0	0
Erinville	1	0	0
Guysborough	1	2,411	200
Harbourview	0	0	0
Hazel Hill and district	4	35,000	36,000
Liscomb	0	0	0
Little Dover	2	0	0
Manchester-Boylston	0	0	0
Mulgrave	0	0	0

TABLE IV—Continued

Location	No. of Fires	Insured Loss	Uninsured Loss
St. Mary's District Firemen's Association	1	0	0
Seashore	2	0	0
Seven Communities	1	11,000	14,000
Tor Bay	0	0	0
Whitehead	1	0	0
SUBTOTAL	33	\$173,649	\$51,000

Halifax County

Halifax County (unclassified areas)	102	\$628,639	\$17,029
Bay Road, District 3	1	0	0
Beaver Bank-Kinsac	8	188,003	55,000
Bedford	29	338,758	200
Chezzetcook, Head Chezzetcook	7	6,022	100
Dartmouth	133	433,584	7,000
District 1, Black Point	11	97,330	1,000
District 4, Terence Bay	7	26,262	1,600
District 8, Echo Terrace	14	47,000	200
District 9A, Porter's Lake	15	22,500	15,495
District 10 East, Oyster Pond-Jeddore	1	0	0
Dutch Settlement	1	0	0
Eastern Halifax County	0	0	0
Eastern Passage, Cow Bay (District 6)	9	216,493	11,200
Goff's	5	0	0
Grand Lake-Oakfield	2	0	0
Halifax	254	2,501,183	53,871
Hammonds Plains	1	5,731	0
District 5 West	8	94,500	4,000
Hatchet Lake	0	0	0
Herring Cove and district	0	0	0
Lakeside	2	20,559	1,300
Lakeview-Windsor Junction- Fall River	11	7,500	0
Meagher's Grant	0	0	0
Middle Musquodoboit	1	6,929	0

TABLE IV—Continued

Location	No. of Fires	Insured Loss	Uninsured Loss
Mooseland	0	0	0
Musquodoboit Harbour	15	7,070	500
Ostrea Lake and Pleasant Point	1	0	0
Sackville and district	53	352,304	1,400
Seabright and district	1	1,268	682
Sheet Harbour	1	0	0
Tangier	0	0	0
Three Harbours	1	0	0
Upper Hammonds Plains	0	0	0
Upper Musquodoboit	1	0	0
Waverley	0	0	0
Wellington-Lake Fletcher	11	119,500	500
Westphal-Cole Harbour (District 7-7A)	33	70,043	350
Cook's Brook and district	2	39,675	0
SUBTOTAL	741	\$5,230,853	\$171,427

Hants County

Hants County (unclassified areas)	18	\$ 66,964	\$ 4,675
Brooklyn	9	76,462	399
Elmsdale and district	6	45,000	1,000
Enfield	4	33,494	200
Gore district	1	35,000	0
Hantsport	0	0	0
Kennetcook district	3	1,043,000	525,000
Lantz	3	0	0
Maitland and district	2	24,677	0
Milford	1	241,987	10,000
Moosebrook-Minasville	1	0	18,000
Nine Mile River Fire Protection Club	0	0	0
Noel and district	1	4,943	0
Shubenacadie and district	2	121,888	71,000
Summerville and district	11	54,000	55,000
Uniacke and district	26	98,100	0
Upper Rawdon	4	340,000	3,000

TABLE IV—Continued

Location	No. of Fires	Insured Loss	Uninsured Loss
Walton Shore	0	0	0
Windsor	24	397,367	8,981
SUBTOTAL	116	\$2,582,882	\$697,255

Inverness County

Inverness County			
(unclassified areas)	13	\$ 67,130	\$ 800
Ainslie-Upper Margaree	2	5,500	0
Blue Mills and area	0	0	0
Cheticamp	3	19,406	0
Inverness	0	0	0
Judique	0	0	0
Lemoine	0	0	0
Mabou and district	1	58,203	
Margaree	1	4,062	0
North East Margaree	1	1,225	0
Pleasant Bay	2	0	
Port Hastings	2	55,000	0
Port Hawkesbury	2	7,000	0
Port Hood	1	2,000	0
Valley Mills and district	2	8,988	0
West Bay Road and district	0	0	0
Whycocomagh	2	9,248	312
SUBTOTAL	32	\$237,762	\$1,112

Kings County

Kings County			
(unclassified areas)	35	\$235,754	\$2,075
Aylesford	37	23,076	845
Berwick	0	0	0
Canning and district	6	64,000	1,000
Greenwich	1	29,479	6,141
Hall's Harbour	0	0	0
Kentville	6	80,316	28,601
Kingston	1	0	0
New Minas	2	917,033	0
Port Williams	4	33,921	1,936

TABLE IV — Continued

Location	No. of Fires	Insured Loss	Uninsured Loss
Waterville and district	2	50,000	0
Wolfville	3	63,294	7,260
SUBTOTAL	97	\$1,496,873	\$47,858
Lunenburg County			
Lunenburg County			
(unclassified areas)	39	\$135,077	\$ 6,143
Baker Settlement and district	0	0	0
District #1, Blandford	6	525,000	0
Blockhouse	2	355	200
Bridgewater	12	585,904	384,400
Chelsea	2	65,000	0
Chester	22	184,901	8,975
Chester Basin	13	163,299	100
Conquerall Bank	2	50	13,500
Cornwall	3	18,229	200
Crousetown	0	0	0
Dayspring and district	4	4,652	200
Hebbs Cross	1	0	0
Hebbville	11	33,234	200
Hemford and district	2	53,243	15,700
Hubbards and district	0	0	0
Indian Point	0	0	0
Italy Cross/Middlewood	4	78,200	0
La Have and district	7	5,000	0
Lapland and district	0	0	0
Lunenburg	34	375,600	2,700
Mader's Cove	2	13,663	0
Mahone Bay	3	224,481	0
Maitland and district	4	0	0
Martin's River	0	0	0
Midville and district	1	0	0
New Germany	5	63,753	400
New Ross	1	430	200
Newcombville and district	0	0	0
Northfield	2	3,300	0
Oakhill and district	2	440	100

TABLE IV—Continued

Location	No. of Fires	Insured Loss	Uninsured Loss
Petite Riviere	2	0	0
Pleasantville	7	54,781	20,200
Riverport and district	3	0	0
Tancook Island	0	0	0
United Communities	0	0	0
Western Shore	2	21,339	400
Wileville	0	0	0
SUBTOTAL	199	\$2,609,931	\$473,618

Pictou County

Pictou County			
(unclassified areas)	19	\$155,669	\$ 3,200
Abercrombie	4	0	0
Alma	1	2,3450	
Barney's River district	0	0	0
Blue Mountain and district	0	0	0
Caribou district	4	1,575	0
East River Valley	0	0	0
Eureka	0	0	0
Linacy	4	187,004	0
Little Harbour	1	1,968	951
Merigomish and district	4	25,892	0
New Glasgow	5	73,009	58,000
Pictou	3	89,871	250
Pictou Island	0	0	0
Pictou Landing	0	0	0
Plymouth	6	0	0
River John	12	159,696	2,900
Scotsburn	2	241	7,500
Stellarton	11	521,463	0
Thorburn	6	79,060	16,500
Trenton	29	45,869	400
West River	1	11,667	1,070
Westville	8	107,122	2,520
SUBTOTAL	120	\$1,462,451	\$93,291

TABLE IV—Continued

Location	No. of Fires	Insured Loss	Uninsured Loss
Queens County			
Queens County			
(unclassified areas)	4	\$ 2,220	\$ 500
Charleston	0	0	0
Greenfield and district	4	1,012,000	0
Liverpool	8	225,133	1,840
Mill Village	7	1,500	0
North Queens			
Fire Association Inc.	22	70,681	640
Port Medway	2	0	0
SUBTOTAL	47	\$1,311,534	\$2,980

Richmond County

Richmond County			
(unclassified areas)	5	\$ 5,469	\$ 1,100
District 10, Johnstown	1	0	0
Framboise-Fourchu	1	41,000	200
Grand River	0	0	0
Isle Madame	7	728,548	100
L'Ardoise	8	0	0
Loch Lomond	1	500	0
Louisdale	5	78,209	22,440
St. Peter's and district	16	68,100	200
SUBTOTAL	44	\$921,826	\$24,040

Shelburne County

Shelburne County			
(unclassified areas)	27	\$24,692	\$1,541
Barrington 7E	0	0	0
Barrington Passage, Dist. 7W	7	0	0
Clark's Harbour	2	42,000	0
District 6W	0	0	0
District 8, Port LaTour	0	0	0
Gunning Cove	0	0	0
Harbour	2	0	0
Ingomar-Roseway	0	0	0
Jordan	5	4,804	400

TABLE IV—Continued

Location	No. of Fires	Insured Loss	Uninsured Loss
Little Harbour	0	0	0
Lockeport	1	75,000	0
Port Clyde	0	0	0
Sable River	0	0	
Shag Harbour-Bear Point	0	0	0
Shelburne	8	87,051	4,450
Woods Harbour Fire Dept. Inc.	2	0	0
SUBTOTAL	54	\$233,547	\$6,391

Victoria County

Victoria County

(unclassified areas)	17	\$261,922	\$ 950
Baddeck	4	7,880	200
Bay St. Lawrence	0	0	0
Big Bras D'Or	5	86,402	200
Cabot	0	0	0
Ingonish	10	118,500	55,000
Iona	1	6,728	200
Middle River	1	88,224	0
Neil's Harbour-New Haven	1	5,000	0
North Shore and district	1	1,100	0
Ross Ferry	0	0	0
South Side Boularderie	2	3,021	0
SUBTOTAL	42	\$578,777	\$56,550

Yarmouth County

Yarmouth County

(unclassified areas)	30	\$55,498	\$4,065
Amirault's Hill-Hubbard's Point	0	0	0
Carleton	0	0	0
Comeau's Hill and Little River Harbour	1	0	500
Eel Brook and districts	5	41,897	678
East Pubnico	2	56,000	0
Islands and district	1	837	0
Kemptville and district	1	46,830	170
Lakes and district	8	22,785	1,300

TABLE IV—Continued

Location	No. of Fires	Insured Loss	Uninsured Loss
Lake Vaughan	1	2,738	0
Port Maitland	3	10,164	0
Quinan and district	2	0	0
Valley and district	4	2,054	0
Wedgeport-Plymouth	0	0	0
West Pubnico	7	2,675	0
Yarmouth	90	910,314	71,280
SUBTOTAL	155	\$1,151,792	\$77,993
Federal Government Property	0	0	0
TOTAL	2,534	\$28,954,919	\$2,696,464

TABLE V
BREAKDOWN OF FIRES BY PROPERTY CLASS
(April 1, 1990–March 31, 1991)

Property Class	No. of Fires	Insured Loss	Uninsured Loss	Total
Assembly				
Theatre, studio, auditorium	1	\$ 8,682	\$ 0	\$ 8,682
Amusement, recreation place	5	16,910	2,500	19,410
School, college, university	11	11,625	0	11,625
Church, funeral parlour	8	115,215	3,450	118,665
Clubs, social, sport	7	617,954	3,750	621,704
Museum, art gallery, library	3	500	0	500
Food/beverage establishment	19	112,255	500	112,755
Passenger terminal station	0	0	0	0
Miscellaneous	0	0	0	0
SUBTOTAL	54	\$883,141	\$10,200	\$893,341
Institutional				
Prison, jail, reformatory	1	\$ 0	\$ 0	\$ 0
Home for aged	6	14,000	0	14,000
Child care	0	0	0	0
Hospital, sanatorium, clinic	11	130,060	1,000	136,060
Miscellaneous	0	0	0	0
SUBTOTAL	18	\$149,060	\$1,000	\$150,060
Residential				
One- two-family dwellings	1,161	12,650,539	720,919	13,371,458
Apartment, tenement, flat	114	878,748	53,599	932,347
Rooming/boarding/lodging				
house, hostel	6	211,889	58,000	269,889
Hotel, inn, lodge	5	5,350	0	5,350
Motor hotel, motel	4	10,796	250	11,046
Dormitory	0	0	0	0
Mobile home, trailer	52	466,035	113,521	579,556
Miscellaneous	170	1,326,615	17,139	1,343,754
SUBTOTAL	1,512	\$15,549,972	\$963,428	\$16,513,400
Business and Personal Service				
Office	13	\$116,679	\$7,749	\$124,428
Personal service	1	40,392	250	40,642

TABLE V—Continued

Property Class	No. of Fires	Insured Loss	Uninsured Loss	Total
Electronic equipment	0	0	0	0
Miscellaneous	5	113,803	8,257	122,060
SUBTOTAL	19	\$270,874	\$16,256	\$287,130
Mercantile				
Food, beverage	6	207,426	250	207,676
Textiles, wearing apparel	1	0	0	0
Furniture, appliances, hardware	3	415,814	60,250	476,064
Books, newspapers, drugs, specialties	2	2,000	0	2,000
Recreation, hobby supplies	2	4,462	250	4,712
Repair shop, laundry, dry cleaner	3	1,250	0	1,250
Motor vehicles, boats sales and Service	17	1,761,533	26,025	1,787,558
Department, variety stores	9	121,107	22,440	143,547
Miscellaneous	7	52,000	0	52,000
SUBTOTAL	50	\$2,565,592	\$109,215	\$2,674,807
Industrial Manufacturing				
Chemicals, petroleum, paints, plastics—manufacturing, processing	1	\$ 0	\$ 0	\$ 0
Wood, furniture, paper, printing	6	3,268,787	535,000	3,803,787
Metal, metal products, electrical equipment and appliances	2	2,500	0	2,500
Food processing	10	1,108,500	0	1,108,500
Beverage, tobacco, soap, margarine	0	0	0	0
Textiles	1	91,989	0	91,989
Footwear, wearing apparel	0	0	0	0
Vehicles and related equip.	4	200	0	200
Miscellaneous	4	0	0	0
SUBTOTAL	28	\$4,471,976	\$535,000	\$5,006,976

TABLE V—Continued

Property Class	No. of Fires	Insured Loss	Uninsured Loss	Total
Storage				
Agricultural products	0	\$ 0	\$ 0	0
Textiles, fibre, clothing	0	0	0	0
Processed food, beverages	1	0	7,000	7,000
Flammable liquids, gases, petroleum products	2	50,000	0	50,000
Wood, furniture, paper and products	0	0	0	0
Chemicals, plastics, paints	0	0	0	0
Metal products, machinery, electrical appliances	0	0	0	0
Vehicles	45	253,056	38,151	291,207
Miscellaneous	19	712,413	631,925	1,344,338
SUBTOTAL	67	\$1,015,469	\$677,076	\$1,692,545
Special				
Outdoor property	19	\$ 10,212	\$ 200	\$ 10,412
Special connecting thoroughfare	2	85,000	0	85,000
Under construction or demolition—vacant	1	0	0	0
Watercraft	18	659,463	0	659,463
Rail transport vehicle and equipment	3	0	0	0
Ground transport vehicle	610	1,176,647	58,978	1,235,625
Aircraft	0	0	0	0
Special vehicles	14	123,375	750	124,125
Miscellaneous	0	0	0	0
SUBTOTAL	667	\$2,054,697	\$59,928	\$2,114,625
Miscellaneous				
Laboratories	0	\$ 0	\$ 0	0
Farm facilities	52	1,488,497	311,080	1,799,577
Miscellaneous outbuildings	35	205,228	13,281	218,509

TABLE V—Continued

Property Class	No. of Fires	Insured Loss	Uninsured Loss	Total
Utility	14	\$ 1,300	\$ 0	1,300
Cement, glass, pottery manufacturing	1	0	0	0
Mining, quarrying	0	0	0	0
Communications	1	55,000	0	55,000
Nucleonics	0	0	0	0
Miscellaneous	16	244,113	0	244,113
SUBTOTAL	119	\$ 1,994,138	\$ 324,361	\$ 2,318,499
TOTAL	2,534	\$28,954,919	\$2,696,464	\$31,651,383

TABLE VI
BREAKDOWN OF FIRES BY IGNITING OBJECT
(April 1, 1990–March 31, 1991)

Igniting Object	No. of Fires	Insured Loss	Uninsured Loss	Total
No Igniting Object	20	\$129,966	\$8,680	\$138,646
SUBTOTAL	20	\$129,966	\$8,680	\$138,646
Cooking Equipment				
Stove, range—top burner area (involving fire in pan)	8	\$ 9,548	\$ 400	\$ 9,948
Stove, range — top burner area (involving fire in domestic deep fat fryer or pot)	153	1,558,264	22,029	1,580,293
Stove, range—top burner area (involving other circumstances)	7	31,907	200	32,107
Oven of stove, range	8	9,235	1,500	10,735
Chafing dish, fondue	0	0	0	0
Deep fat fryer—separate appliance	0	0	0	0
Fry pans, grills—not on stove	1	3,000	0	3,000
Other cooking unit—portable (includes hot plate, camp stove, warming tray)	1	0	0	0
Open-fired broiler—fixed type	0	0	0	0
Open-fired broiler— portable (includes barbecue)	21	38,416	650	39,066
Food-warming appliance (coffee urn, steam table, warming drawer warming table, electric kettle, microwave oven)	9	117,346	4,450	121,796
Toaster, waffle iron	6	12,430	500	12,930
Other than listed	57	428,159	77,656	505,815
SUBTOTAL	271	\$2,208,305	\$107,385	\$2,315,690

TABLE VI—Continued

Igniting Object	No. of Fires	Insured Loss	Uninsured Loss	Total
Heating Equipment				
Central heating unit (furnace, boiler, power boiler, stoker)	43	\$ 638,754	\$ 31,720	\$ 670,474
Service water heater	4	19,000	16,500	35,500
Space heater—stationary	177	2,051,500	629,220	2,680,720
Space heater—portable	8	93,016	34,575	127,591
Fireplace	15	164,005	1,875	165,880
Chimney—masonry	383	482,450	38,325	520,775
Flue pipe, vent connector	45	107,129	2,458	109,587
Chimney—factory-built, metal	2	1,896	0	1,896
Other than listed	20	342,067	600	342,667
SUBTOTAL	697	\$3,899,817	\$755,273	\$4,655,090
Appliances and Equipment				
Television, picture-receiving or -reproducing equipment	5	\$ 2,018	\$ 900	\$ 2,918
Radio, stereo phonograph, tape recorder	0	0	0	0
Clothes dryer	18	156,680	300	156,980
Washing machine	4	2,069	400	2,469
Air conditioning and refrigeration equipment—central	0	0	0	0
Air conditioning or dehumidifier— individual	0	0	0	0
Refrigeration unit—individual	7	82,382	900	83,282
Pressing iron, ironing machine	2	1,000	200	1,200
Portable generator	2	500	0	500
Lawnmower	5	16,661	0	16,661
Snowblower	0	0	0	0
Electric blanket, heating pad	3	9,140	1,712	10,852
Incinerator	1	1,800	0	1,800
Other than listed	7	61,021	250	61,271
SUBTOTAL	54	\$333,271	\$4,662	\$337,933

TABLE VI—Continued

Igniting Object	No. of Fires	Insured Loss	Uninsured Loss	Total
Electrical Distribution Equipment				
Electric wiring, cable—permanent (power line, junction box)	179	\$3,455,795	\$175,205	\$3,631,000
Transformer	3	45,000	0	45,000
Switchgear	0	0	0	0
Panelboard, switchboard (fuse, circuit breaker)	17	262,488	1,195	263,683
Switch, outlet (receptacle, socket)	2	8,796	250	9,046
Electric wiring, cable—temporary (extension/appliance cord)	12	430,159	2,301	432,460
Signal, telephone equipment (low-voltage wiring)	1	0	0	0
Battery, rectifier (charger, rotary convertor)	8	14,265	1,000	15,265
Unclassified	72	1,350,431	123,707	1,474,138
SUBTOTAL	294	\$5,566,934	\$303,658	\$5,870,592
Other Electrical Equipment				
Motor—1 h.p. and over	9	\$1,010,500	\$ 0	\$1,010,500
Motor—under 1 h.p.	0	0	0	0
Electronic equipment— communications	0	0	0	0
Electronic equipment—data processing (digital & analog computer, electronic sorting equipment, electronic data processing equipment)	1	300	0	300
Incandescent lamp, light bulb	10	117,821	550	118,371
Fluorescent lamp	2	125	0	125
Unclassified	8	92,781	34,200	126,981
SUBTOTAL	30	\$1,221,527	\$34,750	\$1,256,277
Smoker's Material and Open Flames				
Smoker's material	84	\$958,710	\$64,989	\$1,023,699
Match, lighter—not used in conjunction with smoking	26	348,327	98,700	447,027

TABLE VI—Continued

Igniting Object	No. of Fires	Insured Loss	Uninsured Loss	Total
Lamp	5	307,820	400	308,220
Candle, taper	15	204,070	10,200	214,270
Cutting torch	4	116,534	0	116,534
Welding equipment	13	96,823	1,200	98,023
Torch—other than cutting, welding	23	495,289	21,899	517,188
Hot Ashes, embers	36	566,895	4,752	571,647
Unclassified	16	17,001	0	17,001
SUBTOTAL	222	\$3,111,469	\$202,140	\$3,313,609

Exposure

Structure—attached	0	0	0	0
Structure—detached	11	44,707	800	45,507
Lumber yard	0	0	0	0
Outside storage container, tank	0	0	0	0
Open fire (campfire, bonfire, warning flare, rubbish fire, open incinerator)	9	4,375	0	4,375
Forest, trees	0	0	0	0
Grass, shrub, brush, scrub	11	18,419	4,300	22,719
Unclassified	3	300	500	800
SUBTOTAL	34	\$67,801	\$5,600	\$73,401

Miscellaneous

Internal combustion engine exhaust system	70	\$123,972	\$1,678	\$125,650
Heat treatment equipment (furnace, oven, quench tank, casting, molding, forging)	1	241,987	10,000	251,987
Industrial oven (includes kiln)	1	91,989	0	91,989
Printing equipment	2	12,344	250	12,594
Explosives	1	0	0	0
Fireworks	0	0	0	0
Bearing, belting, conveyor, brake	2	0	0	0

TABLE VI—Continued

Igniting Object	No. of Fires	Insured Loss	Uninsured Loss	Total
Machinery, equipment— commercial and industrial	4	9,946	0	9,946
Chemical reaction	12	939,405	200	939,605
Unclassified, Cannot be determined	819	10,996,186	1,262,188	12,258,374
SUBTOTAL	912	\$12,415,829	\$1,274,316	\$13,690,145
TOTAL	2,534	\$28,954,919	\$2,696,383	\$31,651,383

TABLE VII
BREAKDOWN OF FIRES BY ACT OR OMISSION
(April 1, 1990-March 31, 1991)

Act or Omission	No. of Fires	Insured Loss	Uninsured Loss	Total
Arson or "set fires"				
Charges laid	7	\$ 192,250	\$ 8,474	\$ 200,724
Suspected incendiary	253	3,323,144	613,188	3,936,332
SUBTOTAL	260	\$3,515,394	\$621,662	\$4,137,056

Misuse of Source of Ignition

Smoker's material	83	\$ 997,628	\$ 66,489	\$1,064,117
Thawing	7	28,700	15,000	43,700
Inadequate control of open fire	14	257,081	14,300	271,381
Child playing with	25	412,051	98,700	510,751
Welding or cutting too close to	16	53,108	200	53,308
Torch too close to	11	477,246	450	477,696
Unclassified	13	190,663	0	190,663
SUBTOTAL	169	\$2,416,477	\$195,139	\$2,611,616

Misuse of Material Ignited

Fuel spilled accidentally	6	\$ 18,435	\$ 54,700	\$ 73,135
Improper fuelling technique	0	0	0	0
Flammable liquid too close to fire	2	16,325	250	16,575
Cleaning, washing parts	1	17,000	16,500	33,500
Improper container: metal, plastic	6	91,854	0	91,854
Overheated cooking oil, grease, wax	155	1,559,897	21,929	1,581,826
Combustible placed too close to heat	38	778,979	14,600	793,579
Improper storage	1	0	0	0
Unclassified	28	302,647	26,251	328,898
SUBTOTAL	237	\$2,785,137	\$134,230	\$2,919,367

Mechanical or Electrical Failure/Malfunction

Part failure, leak, break	36	\$78,478	\$878	\$79,356
Automatic control failure	0	0	0	0
Manual control failure	0	0	0	0

TABLE VII—Continued

Act or Omission	No. of Fires	Insured Loss	Uninsured Loss	Total
Electrical short circuit	156	1,553,104	62,378	1,615,482
Part worn out	0	0	0	0
Unclassified	408	7,842,849	887,350	8,730,199
SUBTOTAL	600	\$9,474,431	\$950,606	\$10,425,037

Construction, Design or Installation Deficiency

Design deficiency	0	\$ 0	\$ 0	\$ 0
Construction deficiency	1	500	0	500
Installed too close				
to combustible	30	293,500	2,100	295,600
Other installation deficiency	15	210,285	8,750	219,035
Overfusing	0	0	0	0
Suspected faulty connections				
involving aluminum wiring	0	0	0	0
Suspected faulty connections				
involving copper wiring	0	0	0	0
Unclassified	3	8,782	0	8,782
SUBTOTAL	49	\$513,067	\$10,850	\$523,917

Misuse of Equipment

Overfueling	0	\$ 0	\$ 0	\$ 0
Unclassified	14	54,588	1,600	56,188
SUBTOTAL	14	\$54,588	\$1,600	\$56,188

Human Failing

Asleep	2	\$ 0	\$ 0	\$ 0
Temporary loss of judgement				
suspected (includes panic)	0	0	0	0
Physical or mental disability	0	0	0	0
Accident	6	16,232	750	16,982
Suspected impairment by use of				
alcohol, drugs or medication	0	0	0	0
Asleep—suspected use of				
alcohol, drugs or medication	0	0	0	0
Ignorance of hazard	302	184,811	11,422	196,233

TABLE VII—Continued

Act or Omission	No. of Fires	Insured Loss	Uninsured Loss	Total
Distracted, preoccupied	0	0	0	0
Unclassified	35	408,898	368	409,266
SUBTOTAL	345	\$609,941	\$12,540	\$622,481
Vehicle Accident				
Automobile	5	\$8,000	\$0	\$8,000
Industrial truck	0	0	0	0
Other road vehicle	0	0	0	0
Rail vehicle	1	2,923	0	2,923
Watercraft	0	0	0	0
Aircraft	0	0	0	0
Unclassified	0	0	0	0
SUBTOTAL	6	\$10,923	\$0	\$10,923
Miscellaneous				
Unclassified	854	\$ 9,574,961	\$769,837	\$10,344,798
SUBTOTAL	854	\$ 9,574,961	\$769,837	\$10,344,798
TOTAL	2,534	\$28,954,919	\$2,696,464	\$31,651,383

TABLE VIII
FIRES WHERE MONETARY LOSSES EXCEEDED \$500,000
(April 1, 1990-March 31, 1991)

#	Location	Date	Classification	Amount	Listed Cause
1.	Afton Antigonish Co.	July 8, 1990	Dairy barn	\$ 535,000	Undetermined
2.	Greenfield Queens Co.	Sept. 12, 1990	Saw mill	1,000,000	Electrical
3.	D'Escousse Richmond Co.	Nov. 11, 1990	Community hall	561,750	Undetermined
4.	Westchester Colchester Co.	Dec. 27, 1990	Saw mill	1,000,000	Electrical
5.	6055 Almon Street Halifax	Oct. 20, 1990	Auto body shop	780,366	Suspected incendiary
6.	Noel Rd. Kennetcook Hants Co.	Jan. 16, 1991	Lumber company	1,550,000	Electrical
7.	1277 Commercial St. New Minas Kings Co.	Jan. 26, 1991	Poultry plant	900,000	Undetermined
TOTAL				\$5,327,116	

TABLE IX
DEATHS AND SERIOUS INJURIES FROM FIRE
TEN-YEAR PERIOD
(April 1, 1981-March 31, 1991)

Year	Deaths					Injuries				
	Men	Women	Child- ren	Fire fighters	Total	Men	Women	Child- ren	Fire fighters	Total
1981-82	13	2	6	-	21	35	14	7	75	131
1982-83	27	12	7	-	46	32	9	16	48	105
1983-84	11	5	10	-	26	29	12	8	24	73
1984-85	6	5	3	-	14	18	14	7	25	64
1985-86	11	5	1	-	17	26	17	-	52	95
1986-87	15	4	1	-	20	22	17	3	71	113
1987-88	24	11	1	-	36	24	8	5	36	73
1988-89	13	4	3	-	20	19	5	9	30	63
1989-90	18	6	10	1	35	14	6	3	29	52
1990-91	15	5	5	-	25	27	16	9	59	111
TOTAL	156	60	52	1	260	233	118	67	449	880
AVERAGE PER YEAR	16	6	5	0	26	23	12	7	45	88

TABLE X
MONETARY LOSSES DUE TO FIRE
TEN-YEAR PERIOD
(April 1, 1981–March 31, 1991)

Year	No. of Fires	Losses		Total
		Insured	Uninsured	
1981–82	2,870	\$ 37,266,230	\$ 3,028,360	\$ 40,294,590
1982–83	2,589	28,241,772	923,134	29,164,906
1983–84	2,634	17,080,623	620,903	17,701,526
1984–85	2,824	21,481,525	669,827	22,151,352
1985–86	2,506	21,630,961	4,822,321	26,453,282
1986–87	2,450	21,453,014	1,333,718	22,786,732
1987–88	2,323	17,803,500	2,165,410	19,968,910
1988–89	2,365	22,096,340	1,575,018	23,671,358
1989–90	2,571	22,465,834	1,573,818	24,039,652
1990–91	2,534	28,954,910	2,696,464	31,651,383
TOTAL	25,666	\$238,474,718	\$19,408,973	\$257,883,691